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525 Rec'd PCT/PTO 13 DEC 2000

December 13, 2000

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Re: U.S. Patent Application Serial Number 09/622,522
Title: HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND cDNAs
ENCODING THESE PROTEINS
Inventors: Kato, Seishi et al.
Filed: February 25, 1999
Attorney Docket No.:GIN-6714CPUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (Form PCT/DO/EO/905);
2. Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (in duplicate);
3. Executed Declaration, Petition and Power of Attorney for Patent Application;
4. Request For Two-Month Extension of Time (in duplicate);
5. Check No. 040441 for \$390.00 (extension fee) and Check No. 040469 for \$130.00 (surcharge pursuant to 37 C.F.R. §1.492(e)); and
6. A prepaid Acknowledgment Postcard.

Please charge any necessary fees or credit any overpayments to our Deposit Account No. 12-0080.
For this purpose, a duplicate of this sheet is enclosed.

"Express Mail" mailing label number EL683634800US

Date of Deposit December 13, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, DC 20231.

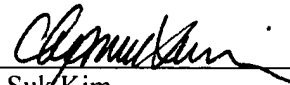


Signature

Idilio P. Cardoso
Please Print Name of Person Signing

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Chi Suk Kim

Reg. No. 42,728

Attorney for Applicants

P10/PCT Rec'd 13 DEC 2000

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seishi Kato et al.

Serial No.: 09/622,522

I.A. Filing Date: February 25, 1999

For: HUMAN PROTEINS HAVING TRANSMEMBRANE
DOMAINS AND CDNAS ENCODING THESE PROTEINS

Attorney Docket No.: GIN-6714CPUS

Group Art Unit:

Examiner:

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER
35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

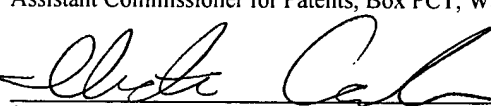
Dear Sir:

Responsive to the *Notification of Missing Requirements Under 35 U.S.C. 371* dated September 13, 2000, Applicants' attorney submits herewith the executed Declaration, Petition and Power of Attorney for Patent Application for the above-identified patent application. A copy of Form PCT/DO/EO/905 is also enclosed. A separate petition for an appropriate extension of time is also submitted concurrently herewith. Therefore, a check in the amount of \$390.00 (Check No. 040441), based on large entity status, is enclosed. A check in the amount of \$130.00 (Check No. 040469), based on large entity status, is enclosed to cover the surcharge under 37 C.F.R. §1.492(e).

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. *For this purpose, a duplicate of*

12/19/2000 UEDUVIJE 00000000 09622522

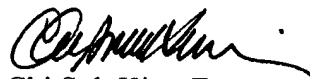
01 FC:116
02 FC:154

390.00 OP	
130.00 OP	
"Express Mail" mailing label number EL683634800US	
Date of Deposit	December 13, 2000
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, DC 20231.	
	
Signature	Indio P. Cardoso
Please Print Name of Person Signing	

Date: December 13, 2000

Respectfully submitted,

LAHIVE & COCKFIELD, LLP


Chi Suk Kim, Esq.
Reg. No. 42,728
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(617) 227-7400



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Box PCT
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/622522	KATO	S GIN 6714CPUS

AMY E MANDRAGOURAS
28 STATE STREET
BOSTON, MA 02109

INTERNATIONAL APPLICATION NO.	
PCT/JP99/00875	
I.A. FILING DATE	PRIORITY DATE
25 FEB 99	27 FEB 98
DATE MAILED: 13 SEP 2000	

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),
☒ an Elected Office (37 CFR 1.495):

☒ U.S. Basic National Fee.

☒ Copy of the international application in:

- ☒ a non-English language.
☐ English.

☒ Translation of the international application into English.

☐ Oath or Declaration of inventors(s) for DO/EO/US.

☐ Copy of Article 19 amendments.

☐ Translation of Article 19 amendments into English.

☒ The International Preliminary Examination Report in English and its Annexes, if any.

☐ Translation of Annexes to the International Preliminary Examination Report into English.

☐ Preliminary amendment(s) filed _____ and _____

☐ Information Disclosure Statement(s) filed _____ and _____

☐ Assignment document.

☐ Power of Attorney and/or Change of Address.

☐ Substitute specification filed _____

☐ Verified Statement Claiming Small Entity Status.

☒ Priority Document.

☒ Copy of the International Search Report ☒ and copies of the references cited therein.

☒ Other: DNA DISKETTE

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.

☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

- ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice *MUST* be returned with this response.

Enclosed:

☐ PCT/DO/EO/917

☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

SHELBY VIGIL, PARALEGAL

Telephone: 703-305-3653